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To: (GAU 2615) USPTO**From:** Julie Nguyen**Fax:** (571) 273-8300**Pages:** 9**Phone:****Date:** 2/2/07 6:38 PM**Re:** Serial No.: 10/540,066**CC:**

Our Docket No.: 1176/301

☒ **Urgent** ☒ **For Review** ☐ **Please Comment** ☒ **Please Reply** ☐ **Please Recycle**

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● **Comments:**

Please see the attached documents:

1. Information Disclosure Statement;
2. Form PTO/SB/08A & Form PTO/SB/08B; and
3. A Copy of Publication Document.


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**PATENT
Docket No.: 1176/301**

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I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office Fax No. (571) 273-8300 on February 2, 2007.


Julie Nguyen

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Hagino, et al.

Serial No.: 10/540,066

Filing Date: December 22, 2003

For: A GRAY SCALE VOLTAGE
OUTPUTTING DEVICE

Examiner: Not Yet Assigned

Group Art Unit: 2615

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicant submits for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08. A copy of the publication document is also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☒ Within three months of the application filing date or before receipt of a first Office Action on the merits; accordingly, no fee or separate requirements are required.
- ☐ After receipt of a first Office Action on the merits but before a final Office Action or Notice of Allowance.
- ☐ A fee is required. A credit card payment form (PTO-2038) for payment of the fees set forth in 37 C.F.R. § 1.17(p) is attached.
- ☐ A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly, no fee is believed to be due.
- ☐ After receipt of a final Office Action or Notice of Allowance, but before payment of the issue fee. A credit card payment form (PTO-2038) for payment of the fees set forth in 37 C.F.R. § 1.17(p), and a Certification under 37 C.F.R. § 1.97(e) are provided herein.

The undersigned declares that:

- ☐ Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.
- ☐ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

The Assistant Commissioner is hereby authorized to charge any fees which may be required by this statement to Deposit Account Number 501288 referencing docket no. 1176/301.

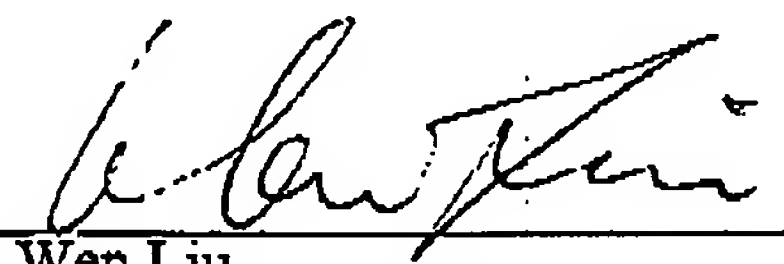
Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08, indicating that the information has been considered and made of record herein.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Dated: February 2, 2007

Respectfully submitted,

By:



Wen Liu
Registration No. 32,822

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FEB 02 2007

PTO/SB/08A (09-08)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substituted for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/540,066
				Filing Date	December 22, 2003
				First Named Inventor	Hagino et al.
				Art Unit	2615
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	1176/301
Sheet	1	of	2		

[illegible][illegible]

Examiner Signature		Date Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND RECD OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/510,066
Filing Date	December 22, 2003
First Named Inventor	Hagino et al.
Art Unit	2615
Examiner Name	Not Yet Assigned
Attorney Docket Number	1176/301

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1.	IBM CORP., "Driving Method for TFT/LCD Grayscale", IBM Technical Disclosure Bulletin, Nov. 1990, pp. 384-385, Vol. 33, No. 6B, New York, US.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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